

**REMARKS**

Claims 1, 4-12 and 15-20 are pending in this application. By this Amendment, claims 1, 5, 12, 18 and 20 are amended, and claims 2, 3, 13 and 14 are canceled. Independent claims are amended to more fully define claims over the applied references. Support for amended claims 1, 12, 18 and 20 may be found in the original specification at, for example, original claims 2, 3, 13 and 14. No new matter is added.

Reconsideration of the application is respectfully requested.

Applicants greatly appreciate the indication that claims 3 and 14 contain allowable subject matter.

**Claim Objections**

Claims 1-8 were objected to for allegedly including insufficient antecedent basis. In particular, the Patent Office alleges that the phrase "the pixel" in claim 1 does not have sufficient antecedent basis and should be changed to "the current pixel."

Claim 1 is amended to replace "the pixel" with "the current pixel." As such, withdrawal of the objection is respectfully requested.

**Rejections Under 35 U.S.C. §101**

Claim 20 was rejected under 35 U.S.C. §101 as allegedly being directed to non-statutory subject matter. In particular, the Patent Office alleges that claim 20 should be directed to a computer readable storage medium.

Claim 20 is amended to be directed to a computer readable storage medium. As such, withdrawal of the rejection under 35 U.S.C. §101 is respectfully requested.

**Claim Rejections**

Claims 1, 2, 5, 9-13 and 20 were rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over U.S. Publication No. 2004-0165785 ("Monobe") in view of U.S. Patent No. 6,246,783 ("Avinash").

Claims 4, 6-8 and 15-19 were rejected under 35 U.S.C. §103(a) as allegedly being unpatentable over Monobe in view of Avinash further in view of U.S. Publication No. 2004-0081355 ("Takahashi").

In light of the amended claims, the above rejections are moot.

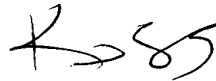
In particular, claim 1 is amended to include the features of allowable claim 3, and claims 12, 18 and 20 are amended to include the allowable features of claim 14, and claims 2, 3, 13 and 14 are canceled. Accordingly, independent claims 1, 12, 18 and 20, and dependent claims therefrom, are patentable over the applied references. Reconsideration and withdrawal of the rejections under 35 U.S.C. §103(a) are respectfully requested.

**Conclusion**

In view of the foregoing, it is respectfully submitted that this application is in condition for allowance. Favorable reconsideration and prompt allowance of claims 1, 4-12 and 15-20 are earnestly solicited.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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Date: February 19, 2008

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